

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| S17 5 | 1818  | 369/44.23.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/14 13:34 |
| S16 8 | 17423 | curve near2 fitt\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/14 13:29 |
| S17 3 | 298   | S170 not S171   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/14 13:26 |
| S17 2 | 123   | S171 not S170   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/14 13:26 |
| S17 1 | 139   | 369/53.14.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/14 13:26 |
| S17 0 | 314   | 369/53.\$.ccls. and warp\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/14 13:26 |
| S16 7 | 24    | surface with warp\$3 with optical with dis\$2 same shape                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/14 13:26 |
| S16 6 | 246   | proximity same oscillat\$4 with signal same surface                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/14 13:26 |
| S16 3 | 386   | focus\$4 same warp\$4 same optical with dis\$2                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/14 13:26 |
| S16 1 | 488   | surface with warp\$3 same optical with dis\$2                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/14 13:26 |
| S15 7 | 1     | focus\$4 with surface with map\$4 with feed\$5 same optical with dis\$2 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/14 13:26 |

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|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S15<br>6 | 12   | focus\$4 with surface with map\$4<br>same optical with dis\$2 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S15<br>5 | 228  | focus\$4 with warp\$4 same optical with<br>dis\$2             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S15<br>1 | 389  | surface with warp\$3 with optical with<br>dis\$2              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S14<br>2 | 1401 | curve near2 fitt\$3 same surface                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S14<br>1 | 8    | curve near2 fitt\$3 same surface same<br>topology             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S14<br>0 | 18   | curve near2 fitt\$3 same topology                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S13<br>9 | 23   | curve near2 fitt\$3 same topograp\$4                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S13<br>8 | 16   | curve near2 fitt\$3 same surface with<br>approxix\$4          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S13<br>7 | 48   | curve near2 fitt\$3 same warp\$3                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S13<br>6 | 85   | curve near2 fitt\$3 same surface with<br>shape                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S13<br>3 | 340  | label with optical with disc same laser                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S13<br>0 | 139  | 369/53.14.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |

## EAST Search History

|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S12<br>7 | 29   | warp\$3 same map\$3 and servo                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S12<br>5 | 308  | warp\$3 with optical with dis\$2 same focus\$3                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S12<br>3 | 1611 | warp\$3 with optical with dis\$2                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S12<br>2 | 486  | warp\$3 with dis\$2 same focus\$3                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S12<br>0 | 12   | warp\$3 with dis\$2 same map\$3                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S11<br>8 | 1    | warp\$3 with optical with dis\$2 same map\$3                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S11<br>6 | 136  | warp\$3 with surface same map\$3                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S11<br>5 | 1    | warp\$3 same map\$3 same servo                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S11<br>3 | 37   | disk\$3 same measur\$3 same (contour topogra\$5) same trac\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S11<br>2 | 374  | disk\$3 same measur\$3 same (contour topogra\$5)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S11<br>1 | 2    | disk\$3 same warp\$3 same measur\$3 same (contour topogra\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S10<br>3 | 431  | optical with dis\$2 same (topograph\$4 topology)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |

## EAST Search History

|          |     |  |   |    |    |                  |
|----------|-----|--|---|----|----|------------------|
| S10<br>2 | 16  | surface with contour same optical with<br>dis\$2 same head | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S10<br>1 | 113 | surface with contour same optical with<br>dis\$2           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |
| S10<br>0 | 26  | topo\$6 same optical with dis\$2 same<br>head              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/02/14 13:26 |